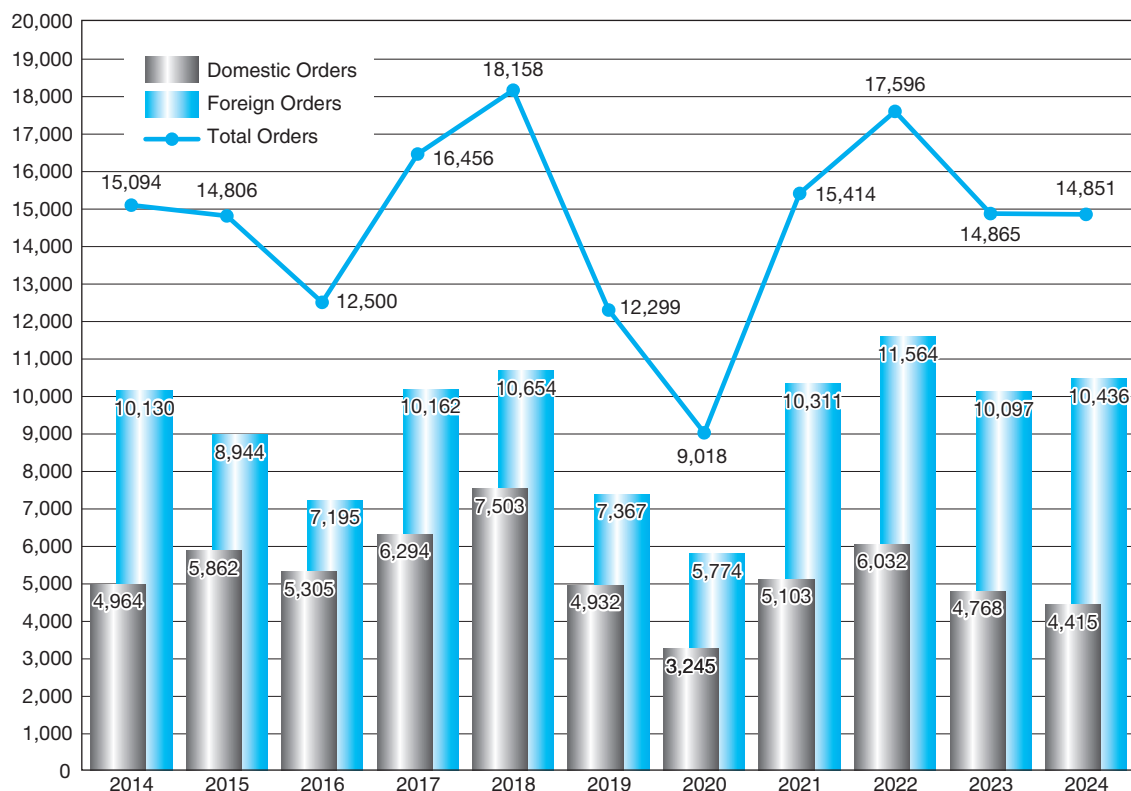


## Trends in Orders of Machine Tools

### Machine Tool Orders

(Value in Billions of Yen)



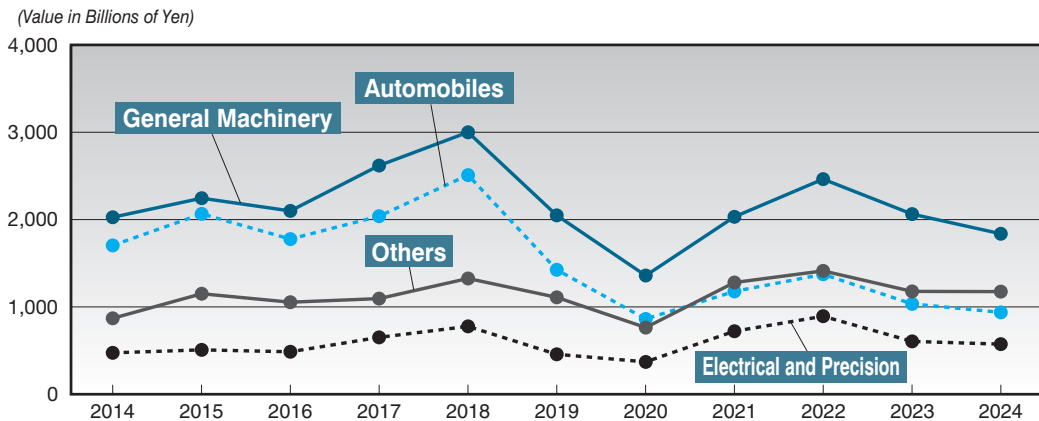
Source: JMTBA

- The total amount of machine tool orders in 2024 is 1,485.1 billion yen, it fell below 1.5 trillion yen for the second consecutive year.

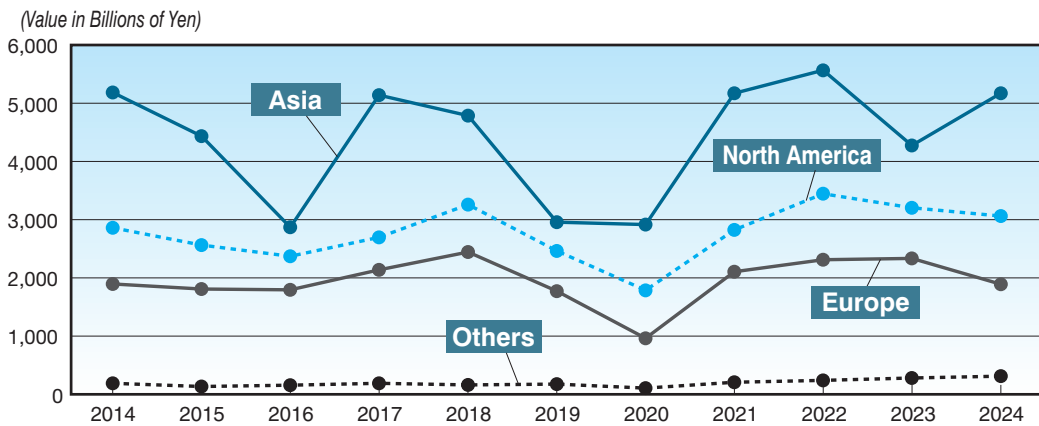
Concerns about the future of the global economy and sluggish capital demand in major industries had an impact, but on the other hand, factors such as responses to global labor shortages, decentralization of production bases due to international circumstances, and efforts to reduce environmental impact provided support, with demand decreasing only slightly by 0.1% compared to the previous year, giving the impression of remaining strong.
- Domestic orders was down 7.4% from the previous year to 441.5 billion yen, declining for the second consecutive year and falling below 450 billion yen for the first time in four years.

By industry, "General Machinery" (down 11.1% year-on-year to 181 billion yen) fell to 200 billion yen, while "Automobiles" (down 9.5% year-on-year to 91 billion yen) fell to below 100 billion yen, the first time in four years. Additionally, "Other Manufacturing" (down 17.8% year-on-year to 18.8 billion yen) and "Electrical Machinery" (down 13.1% year-on-year to 31.5 billion yen) also saw declines of over 10%. Among these, of the major industries, "Aircraft, Shipbuilding, and Transportation Machinery" (up 20.1% year-on-year to 24.2 billion yen) was the only one to increase year-on-year.
- Foreign orders increased 3.4% year-on-year to 1.0436 trillion yen, exceeding the 1 trillion yen mark for the fourth consecutive year. Despite the effects of severe inflation and high interest rates, North America (down 4.5% year-on-year to 306.2 billion yen) was supported by aerospace-related industries. Europe (down 19.1% year-on-year to 188.9 billion yen) remained stable in the first half of the year, but the slowdown in demand in major countries became apparent and conditions worsened in the second half. Meanwhile, Asia (up 21.0% year-on-year to 517.2 billion yen) recorded its fourth highest order amount ever.

## Domestic Orders: Trend of Order Value by Industry



## Foreign Orders: Trend of Order Value by Region



## Machine Tool Order by Type of Machine

(Value in Millions of Yen)

Year Type of Machine	2022	2023	2024	24/23 (%)	Share (%)
Turning Machines	581,730 ( 576,885)	507,105 ( 503,252)	489,275 ( 485,247)	96.5 ( 96.4)	32.9 ( 33.2)
Drilling Machines	209 ( 0)	212 ( 0)	332 ( 0)	156.6 ( — )	0.0 ( 0.0)
Boring Machines	14,622 ( 14,375)	16,294 ( 16,034)	12,339 ( 12,178)	75.7 ( 76.0)	0.8 ( 0.8)
Milling Machines	3,851 ( 3,330)	3,236 ( 2,766)	3,179 ( 2,851)	98.2 ( 103.1)	0.2 ( 0.2)
Grinding Machines	115,632 ( 107,738)	87,497 ( 81,237)	85,789 ( 79,066)	98.0 ( 97.3)	5.8 ( 5.4)
Gear Cutting & Finishing Machines	35,342 ( 34,949)	28,062 ( 27,863)	31,407 ( 31,135)	111.9 ( 111.7)	2.1 ( 2.1)
Special-Purpose Machines	17,785 ( 17,203)	16,327 ( 15,982)	14,841 ( 14,642)	90.9 ( 91.6)	1.0 ( 1.0)
Machining Centers	725,600 ( 725,600)	614,749 ( 614,749)	631,021 ( 631,021)	102.6 ( 102.6)	42.5 ( 43.2)
Vertical	404,619 ( 404,619)	337,708 ( 337,708)	359,806 ( 359,806)	106.5 ( 106.5)	24.2 ( 24.6)
Horizontal	259,868 ( 259,868)	217,080 ( 217,080)	203,242 ( 203,242)	93.6 ( 93.6)	13.7 ( 13.9)
Other Machining Centers	61,113 ( 61,113)	59,961 ( 59,961)	67,973 ( 67,973)	113.4 ( 113.4)	4.6 ( 4.7)
Electrical Discharge Machines	57,122 ( 56,517)	45,069 ( 44,921)	52,042 ( 51,828)	115.5 ( 115.4)	3.5 ( 3.5)
Other Machine Tools	177,598 ( 160,766)	146,880 ( 135,132)	145,525 ( 134,265)	99.1 ( 99.4)	9.8 ( 9.2)
F M S	30,110 ( 30,110)	21,088 ( 21,088)	19,359 ( 19,359)	91.8 ( 91.8)	1.3 ( 1.3)
Total	1,759,601 ( 1,727,473)	1,486,519 ( 1,463,024)	1,485,109 ( 1,461,592)	99.9 ( 99.9)	100.0 ( 100.0)

Source: JMTBA  
( ): Share of NC Machine Tools